A2575-1 3/28/83

American Petroleum Institute
2101 L Street, Northwest
Washington, D.C. 20037

weekly statistical bulletin

STATISTICS DEPARTMENT
VOL. 64 **For Week Ended** *MARCH* 18, 1983 **NO.** 11

SUMMARY

(In thousands of 42 gallon barrels per day except stocks which are in thousands of barrels)
(All data are estimates made by the API based on data from reporting companies)

	Current Week Ending: 03/18/83	Last Week Ending: 03/11/83	Last Year Week Ending: 03/19/82	Change From Last Week	Change From Last Year
Refinery Operations					
Input to crude oil distillation units	11,254	11,190	11,624	+ 64	- 370
Operable capacity	16,814	16,814	17,822	0	- 1,008
Percent operated	66.9	66.6	65.2		
Motor Gasoline					
Total motor gasoline production	5,969	5,891	6,094	+ 78	- 125
Finished leaded motor gasoline production	2,737	2,674	*N/A*	+ 63	*N/A*
Finished unleaded motor gasoline production	3,232	3,217	*N/A*	+ 15	*N/A*
Total motor gasoline stocks	240,358	248,533	252,875	- 8,175	- 12,517
Finished leaded motor gasoline stocks	98,280	101,978	*N/A*	- 3,698	*N/A*
Finished unleaded motor gasoline stocks	97,818	102,182	96,817	- 4,364	+ 1,001
Distillate Fuel Oil					
Distillate fuel oil production	1,964	2,059	2,296	- 95	- 332
Distillate fuel oil stocks	134,065	141,418	131,293	- 7,353	+ 2,772
Residual Fuel Oil					
Residual fuel oil production	893	871	1,071	+ 22	- 178
Residual fuel oil stocks	47,952	51,988	59,522	- 4,036	- 11,570
Imports					
Crude oil imports	1,722	1,722	3,110	0	- 1,388
Product imports	1,705	1,550	1,624	+ 155	+ 81
Crude Oil Stocks					
Crude oil stocks	352,747	357,280	387,756	- 4,533	- 35,009

Total U.S. data for the current week's refinery operations, production, stocks and imports are available through a pre-recorded telephone message. The telephone number for this service is area code (202) 457-7147.

NA-Not Available

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U.S. REFINERY OPERATIONS

(Daily averages in thousands of 42-gallon barrels)

DISTRICT	Total Refinery Input	Crude Oil Runs to Distillation Units	Input to Crude Oil Distillation Units	Operable Capacity	% Operated
East Coast	1,040	804	823	1,569	52.5
Appal. No. 1	64	64	64	98	65.3
DISTRICT 1 TOTAL	1,104	868	887	1,667	53.2
Appal. No. 2	54	48	53	66	80.3
Ind., Ill., Ky.	1,855	1,658	1,706	2,399	71.1
Minn., Wis., Daks.	253	240	254	293	86.7
Okla., Kans., Mo.	640	573	582	858	67.8
DISTRICT 2 TOTAL	2,802	2,519	2,595	3,616	71.8
Inland Texas	549	449	494	592	83.4
Texas Gulf Coast	2,946	2,710	2,786	4,164	66.9
La. Gulf Coast	2,011	1,853	1,900	2,708	70.2
N. La. and Ark.	202	180	198	314	63.1
New Mexico	101	82	84	117	71.8
DISTRICT 3 TOTAL	5,809	5,274	5,462	7,895	69.2
DISTRICT 4 TOTAL	405	368	374	553	67.6
DISTRICT 5 TOTAL	2,004	1,907	1,936	3,083	62.8
TOTAL U.S.	12,124	10,936	11,254	16,814	66.9
TOTAL U.S. Weeks Ended:					
MAR. 11, 1983	11,984	10,803	11,190	16,814	66.6
MAR. 19, 1982	12,556	11,311	11,624	17,822	65.2
DISTRICTS 1–4 Weeks Ended:					
MAR. 18, 1983	10,120	9,029	9,318	13,731	67.9
MAR. 11, 1983	10,041	8,943	9,277	13,731	67.6
MAR. 19, 1982	10,446	9,338	9,613	14,698	65.4

API WEEKLY STATISTICAL BULLETIN
Week Ended *MARCH* 18, 1983

U.S. REFINERY OUTPUT

(Daily averages in thousands of 42-gallon barrels)

DISTRICT	Total Motor Gasoline[1]	Motor Gasoline		Jet Fuel		Distillate Fuel Oil[2]	Residual Fuel Oil
		Finished Leaded	Finished Unleaded	Naphtha Type	Kerosine Type		
East Coast	469	138	331	14	34	160	106
Appal. No. 1	15	7	8	1	--	16	4
DISTRICT 1 TOTAL	484	145	339	15	34	176	110
Appal. No. 2	35	19	16	2	4	6	--
Ind., Ill., Ky.	1,185	539	646	15	98	290	58
Minn., Wis., Daks.	161	99	62	3	10	52	7
Okla., Kans., Mo.	356	208	148	6	14	128	15
DISTRICT 2 TOTAL	1,737	865	872	26	126	476	80
Inland Texas	260	152	108	28	27	107	12
Texas Gulf Coast	1,312	555	757	28	197	494	175
La. Gulf Coast	998	499	499	22	201	255	177
N. La. and Ark.	72	50	22	1	--	54	13
New Mexico	23	16	7	17	1	24	3
DISTRICT 3 TOTAL	2,665	1,272	1,393	96	426	934	380
DISTRICT 4 TOTAL	199	127	72	14	12	92	8
DISTRICT 5 TOTAL	884	328	556	31	216	286	315
TOTAL U.S.	5,969	2,737	3,232	182	814	1,964	893
TOTAL U.S. Weeks Ended:							
MAR. 11, 1983	5,891	2,674	3,217	188	834	2,059	871
MAR. 19, 1982	6,094	*N/A*	*N/A*	215	1,008	2,296	1,071
DISTRICTS 1–4 Weeks Ended:							
MAR. 18, 1983	5,085	2,409	2,676	151	598	1,678	578
MAR. 11, 1983	4,946	2,255	2,691	152	602	1,780	589
MAR. 19, 1982	5,220	*N/A*	*N/A*	166	797	2,001	702

[1]Total motor gasoline is equal to the sum of finished leaded and finished unleaded motor gasoline.

[2]Includes Grade No. 4 fuel oil.

NA-Not Available

STOCKS OF SELECTED PRODUCTS

(In thousands of 42-gallon barrels)

DISTRICT	Total Motor Gasoline[1]	Motor Gasoline			Jet Fuel		Distillate Fuel Oil[2]	Residual Fuel Oil	Unfinished Oils
		Finished Leaded	Finished Unleaded	Blending Components	Naphtha Type	Kerosine Type			
New England	5,823	2,816	3,007	--	111	768	7,528	1,925	--
Central Atlantic	29,285	11,272	13,848	4,165	305	3,439	24,942	17,517	12,774
Lower Atlantic	27,048	13,473	13,191	384	140	3,745	12,678	3,462	430
DISTRICT 1 TOTAL	62,156	27,561	30,046	4,549	556	7,952	45,148	22,904	13,204
DISTRICT 2 TOTAL	73,210	33,153	29,568	10,489	1,485	7,270	44,433	4,197	16,922
DISTRICT 3 TOTAL	66,053	23,809	25,019	17,225	1,864	11,553	28,394	11,900	48,524
DISTRICT 4 TOTAL	9,853	4,083	2,647	3,123	367	647	3,862	376	2,847
DISTRICT 5 TOTAL	29,086	9,674	10,538	8,874	1,332	5,987	12,228	8,575●	27,935
TOTAL U.S.	240,358	98,280	97,818	44,260	5,604	33,409	134,065	47,952	109,432
TOTAL U.S. Weeks Ended:									
MAR. 11, 1983	248,533	101,978	102,182	44,373	5,760	32,760	141,418	51,988●	110,142
MAR. 19, 1982	252,875	*N/A*	96,817	*N/A*	6,448	34,077	131,293	59,522	117,309
DISTRICTS 1-4 Weeks Ended:									
MAR. 18, 1983	211,272	88,606	87,280	35,386	4,272	27,422	121,837	39,377	81,497
MAR. 11, 1983	218,730	92,032	91,248	35,450	4,387	26,689	128,816	43,558	81,646
MAR. 19, 1982	223,228	*N/A*	86,104	*N/A*	5,013	26,624	119,372	49,137	90,978

[1]Total motor gasoline stocks is equal to the sum of finished leaded stocks, finished unleaded stocks and motor gasoline blending components.

[2]Includes Grade No. 4 fuel oil.

● *SEE REVISIONS ON PAGE 7.*
NA-Not Available

WEEKLY STATISTICAL BULLETIN
Week Ended *MARCH* 18, 1983

ESTIMATED DOMESTIC PRODUCTION OF CRUDE OIL (INCLUDING LEASE CONDENSATE), IMPORTS AND STOCKS OF CRUDE OIL

(In thousands of 42-gallon barrels)

Weeks Ended:	Estimated Domestic Production[1] API Monthly	Estimated Domestic Production[1] Latest Dept. of Energy *OCT* 1982	Crude Oil Imports[1] Total	Crude Oil Imports[1] From Canada	Crude Oil Stocks By Location[1]
	Daily Average				
DISTRICTS 1-4 TOTAL					
MAR. 18, 1983	5,832.4	5,860.0	1,660	220	266,963
MAR. 11, 1983	5,832.4	--	1,590●	201	270,986●
MAR. 4, 1983	5,826.9	--	1,942	216	272,386●
FEB. 25, 1983	5,826.9	--	1,522	190	277,544●
DISTRICT 5 TOTAL					
MAR. 18, 1983	2,830.0	2,824.0	62	29	85,784 *
MAR. 11, 1983	2,830.0	--	132	29	86,294
MAR. 4, 1983	2,827.2	--	155	25	85,554
FEB. 25, 1983	2,827.2	--	250	20	85,060
TOTAL U.S.					
MAR. 18, 1983	8,662.4	8,684.0	1,722	249	352,747 *
MAR. 11, 1983	8,662.4	--	1,722●	230	357,280●
MAR. 4, 1983	8,654.1	--	2,097	241	357,940●
FEB. 25, 1983	8,654.1	--	1,772	210	362,604●
MAR. 19, 1982	8,650.2/A	--	3,110	167	387,756

**INCLUDES 28,176 BBLS. OF ALASKAN CRUDE OIL IN TRANSIT BY WATER.*

/A DOE ACTUAL FOR MARCH 1982.

● *SEE REVISIONS ON PAGE 7.*

LOCATION OF CRUDE OIL STOCKS[1]

(In thousands of 42-gallon barrels)

Location	District 1	District 2	District 3	District 4	Districts 1–4	District 5	Total U.S.
Weeks Ended:							
MAR. 18, 1983	15,493	81,370	154,496	15,604	266,963	85,784 *	352,747 *
MAR. 11, 1983	16,235●	82,280	156,666	15,805	270,986●	86,294	357,280●
MAR. 19, 1982	22,512	83,777	169,317	15,676	291,282	96,474	387,756

[1]See definitional notes, Page 6.

● *SEE REVISIONS ON PAGE 7.*

IMPORTS OF PETROLEUM PRODUCTS

(Daily averages in thousands of 42-gallon barrels)

	Total Motor Gasoline[1]	Motor Gasoline: Finished Leaded	Motor Gasoline: Finished Unleaded	Jet Fuel: Naphtha Type	Jet Fuel: Kerosine Type	Distillate Fuel Oil[2]	Residual Fuel Oil	L.P.G.	Unfinished Oil[3]	Other	Total
New England	--	--	--	--	--	--	19	7	--	--	26
Central Atlantic	164	113	51	--	16	42	534	8	9	180	953
Lower Atlantic	--	--	--	--	--	--	91	--	--	--	91
DISTRICT 1 TOTAL											
MAR. 18, 1983	164	113	51	--	16	42	644	15	9	180	1,070
MAR. 11, 1983	157	106	51	3	14	73	552	3	23	143	968
MAR. 4, 1983	156	66	90	3	16	99	1,077	10	70	51	1,482
FEB. 25, 1983	115	61	54	--	15	120	879	6	36	115	1,286
DISTRICTS 2–4 TOTAL											
MAR. 18, 1983	2	1	1	--	--	4	65	252	179	17	519
MAR. 11, 1983	2	1	1	--	--	3	74	249	166	24	518
MAR. 4, 1983	--	--	--	--	--	3	120	279	89	17	508
FEB. 25, 1983	--	--	--	--	--	5	88	275	100	43	511
DISTRICT 5 TOTAL											
MAR. 18, 1983	68	59	9	--	--	7	15	18	--	8	116
MAR. 11, 1983	30	22	8	--	--	6	14	6	--	8	64
MAR. 4, 1983	37	29	8	--	--	6	16	13	1	8	81
FEB. 25, 1983	39	29	10	--	--	7	50	11	--	11	118
TOTAL U.S.	234	173	61	--	16	53	724	285	188	205	1,705
TOTAL U.S.											
Weeks Ended:											
MAR. 11, 1983	189	129	60	3	14	82	540	258	189	175	1,550
MAR. 4, 1983	193	95	98	3	16	108	1,213	302	160	76	2,071
FEB. 25, 1983	154	90	64	--	15	132	1,017	292	136	169	1,915
MAR. 19, 1982	137	*N/A*	79	--	42	73	683	321	343	17	1,624

[1]Total motor gasoline imports is equal to the sum of finished leaded imports and finished unleaded imports.

[2]Includes Grade No. 4 fuel oil.

[3]See definitional notes, Page 6.

NA-Not Available

DEFINITIONAL NOTES

Page 3—Stocks of Selected Products

The inventories shown are stocks located at refineries, bulk terminals, and in pipelines and include stocks held by independent bulk terminal operators. These inventories include stocks not available for shipment, those available for current shipment, and those held in reserve for shipment during the high consuming season as a supplement to then current production. Stocks not available are those required for processing, held in tank bottoms, in pipeline fill, and in other equipment in order to assure continuous operations.

Stocks of unleaded and leaded motor gasoline represent only finished motor gasoline located at refineries, pipelines and bulk terminals. A large portion of motor gasoline stocks at refineries consists of components which may be blended or compounded to produce either finished leaded or unleaded motor gasoline. Consequently, these stocks cannot be classified as either finished leaded or unleaded motor gasoline. The sum of finished leaded and unleaded motor gasoline stocks plus the component stocks equals total motor gasoline stocks.

Pages 3 and 5—Stocks and Imports of Petroleum Products

District 1 is composed of three areas which are described by the Department of Energy as follows:

New England—Maine, New Hampshire, Vermont, Massachusetts, Rhode Island, and Connecticut.
Central Atlantic—New York, New Jersey, Pennsylvania, Delaware, Maryland, and the District of Columbia.
Lower Atlantic—Virginia, West Virginia, North Carolina, South Carolina, Georgia, and Florida.

Page 4—Estimated Domestic Production

Monthly production represents an API estimate as of the first week of the month. This estimate may be revised at a subseguent date as more current information is received.

Crude Oil Imports

Refinery receipts of foreign origin.
The Total of crude oil imports includes receipts from Canada.
Data do not include oil imported for the Strategic Petroleum Reserve.

Crude Oil Stocks by Location

Producer's stocks on leases are included.
Data do not include crude oil stocks held in the Strategic Petroleum Reserve.

Pages 4 and 5—Imports of Crude Oil and Petroleum Products

The estimates of imports published by the API are based on data supplied by reporting companies. These data exclude imports into Puerto Rico and the Virgin Islands but include shipments from Puerto Rico and the Virgin Islands to the U.S. mainland as imports. API classifies all withdrawals from bonded storage as imports.

Imports of unfinished oils represent refinery receipts of foreign origin.

INTERPRETIVE NOTES

Definitions used by the API throughout the Weekly Statistical Bulletin are the same as those used by the Department of Energy in its monthly and annual Petroleum Statements.

Unleaded gasoline is gasoline containing not more than 0.05 gram of lead per gallon and not more than 0.005 gram of phosphorus per gallon.

Data presented in the Bulletin are for the week ended 7 a.m. Friday. The date specified should not be considered as part of that week when calculating a month's total for production or the interpolation of a month's-end stock figure as of midnight of the last day of the month. *Example: a stock figure for a week ended 7 a.m. on the first of the month should be considered to be as of midnight of the previous month's last day.*

Totals for the U.S. published in the Bulletin exclude data for Puerto Rico, Virgin Islands, and other non-contiguous territories.

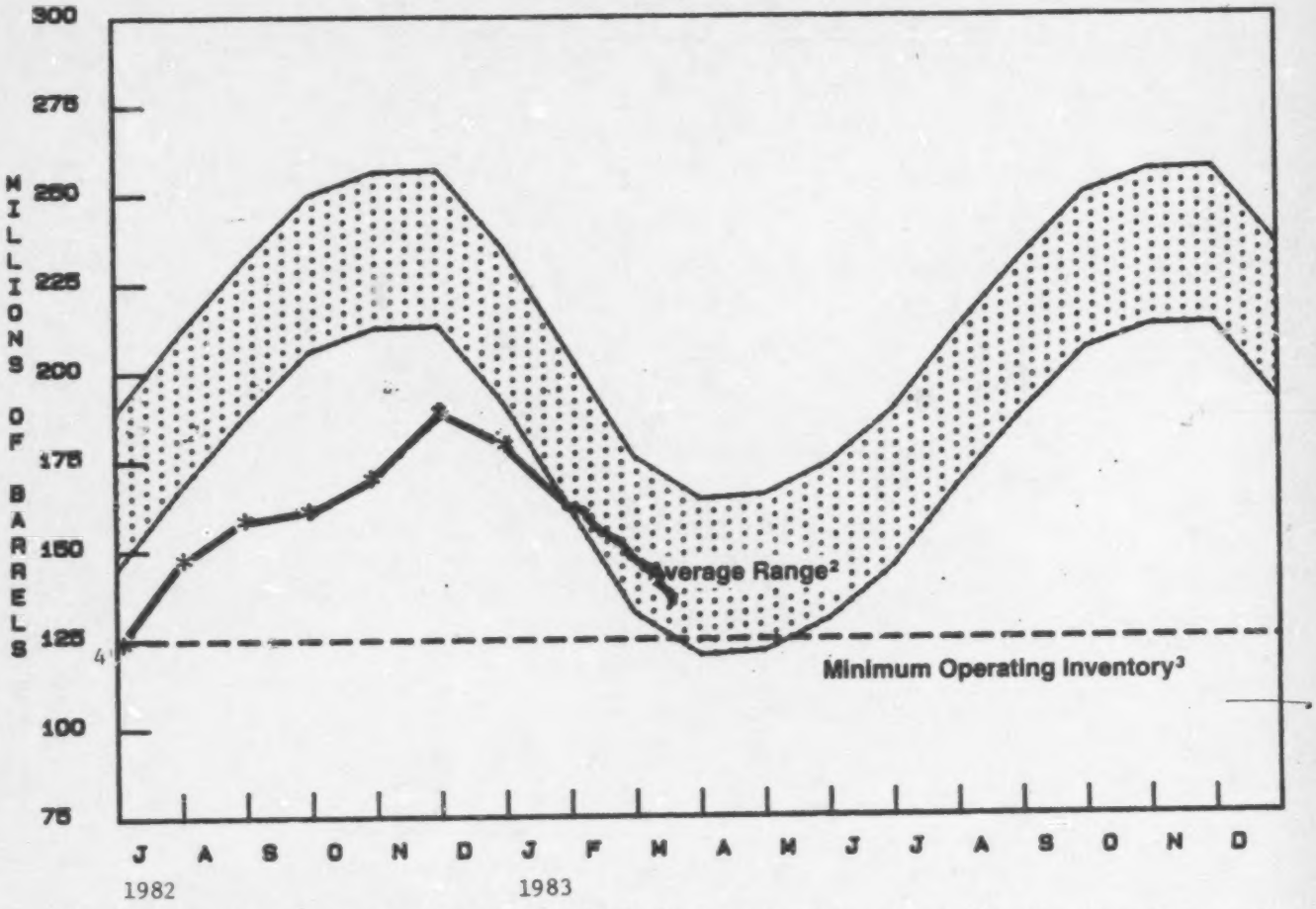
Data published in the Weekly Statistical Bulletin are estimates made by the API Statistics Department based on data collected from reporting companies.

Data for the corresponding week of last year are from the published Bulletin for that week and are not adjusted to reflect subsequently published DOE monthly data. Final monthly data are available in the DOE Monthly Petroleum Statement.

REVISIONS

2/25/83	PAGE 4 TOP	CRUDE OIL STOCKS	DISTRICTS 1-4 TOTAL	277,544
			TOTAL U.S.	362,604
	PAGE 4 BOTTOM	TOTAL	PAD DISTRICT 1	17,405
		TOTAL	TOTAL PAD DISTRICTS 1-4	277,544
		TOTAL	TOTAL U.S.	362,604
3/04/83	PAGE 4 TOP	CRUDE OIL STOCKS	DISTRICTS 1-4 TOTAL	272,386
			TOTAL U.S.	357,940
	PAGE 4 BOTTOM	TOTAL	PAD DISTRICT 1	15,671
		TOTAL	TOTAL PAD DISTRICTS 1-4	272,386
		TOTAL	TOTAL U.S.	357,940
3/11/83	PAGE 3	RESIDUAL FUEL	DISTRICT 5 TOTAL	8,430
			TOTAL U.S.	51,988
	PAGE 4 TOP	TOTAL CRUDE OIL IMPORTS	DISTRICTS 1-4 TOTAL	1,590
			TOTAL U.S.	1,722
		CRUDE OIL STOCKS	DISTRICTS 1-4 TOTAL	270,986
			TOTAL U.S.	357,280
	PAGE 4 BOTTOM	TOTAL	PAD DISTRICT 1	16,235
		TOTAL	TOTAL PAD DISTRICTS 1-4	270,986
		TOTAL	TOTAL U.S.	357,280

Distillate Fuel Oil Stocks at Primary Level[1] [5]



[1]Product Stocks at the Primary Level include those held at refineries, in pipelines, and at major bulk terminals.

[2]Average level and width of average range, estimated by DOE, are based on three years of monthly data: July 1979-June 1982. The seasonal pattern is based on seven years of monthly data: January 1975-December 1981.

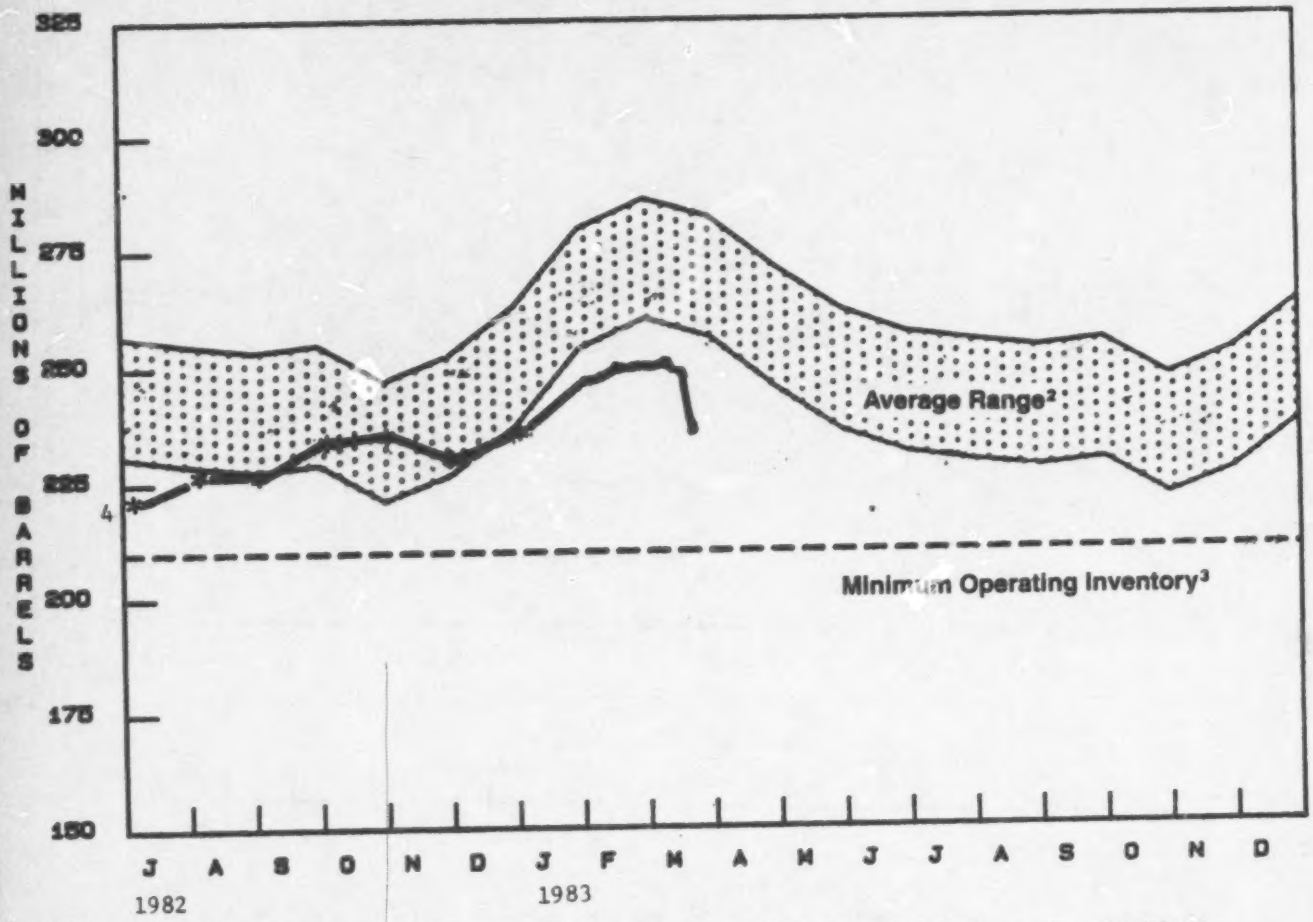
[3]The National Petroleum Council defines the Minimum Operating Inventory as the minimum level required for routine operation. By their definition, runouts and shortages would occur if inventory levels fall below that level.

[4]Source: *— EIA, Energy Data Reports, "Petroleum Statement, Monthly."
•— API, "Weekly Statistical Bulletin."

[5]The average level, width of average range and minimum operating inventory level are all based on historical data. Recent structural changes in demand patterns, operating units and logistical systems appear to have altered the basic requirements for petroleum distribution and indicated levels may now be overstated.

Week Ended March 18, 1983

Motor Gasoline Stocks at Primary Level[1,5]



[1]Product Stocks at the Primary Level include those held at refineries, in pipelines, and at major bulk terminals.

[2]Average level and width of average range, estimated by DOE, are based on three years of monthly data: July 1979-June 1982. The seasonal pattern is based on seven years of monthly data: January 1975-December 1981.

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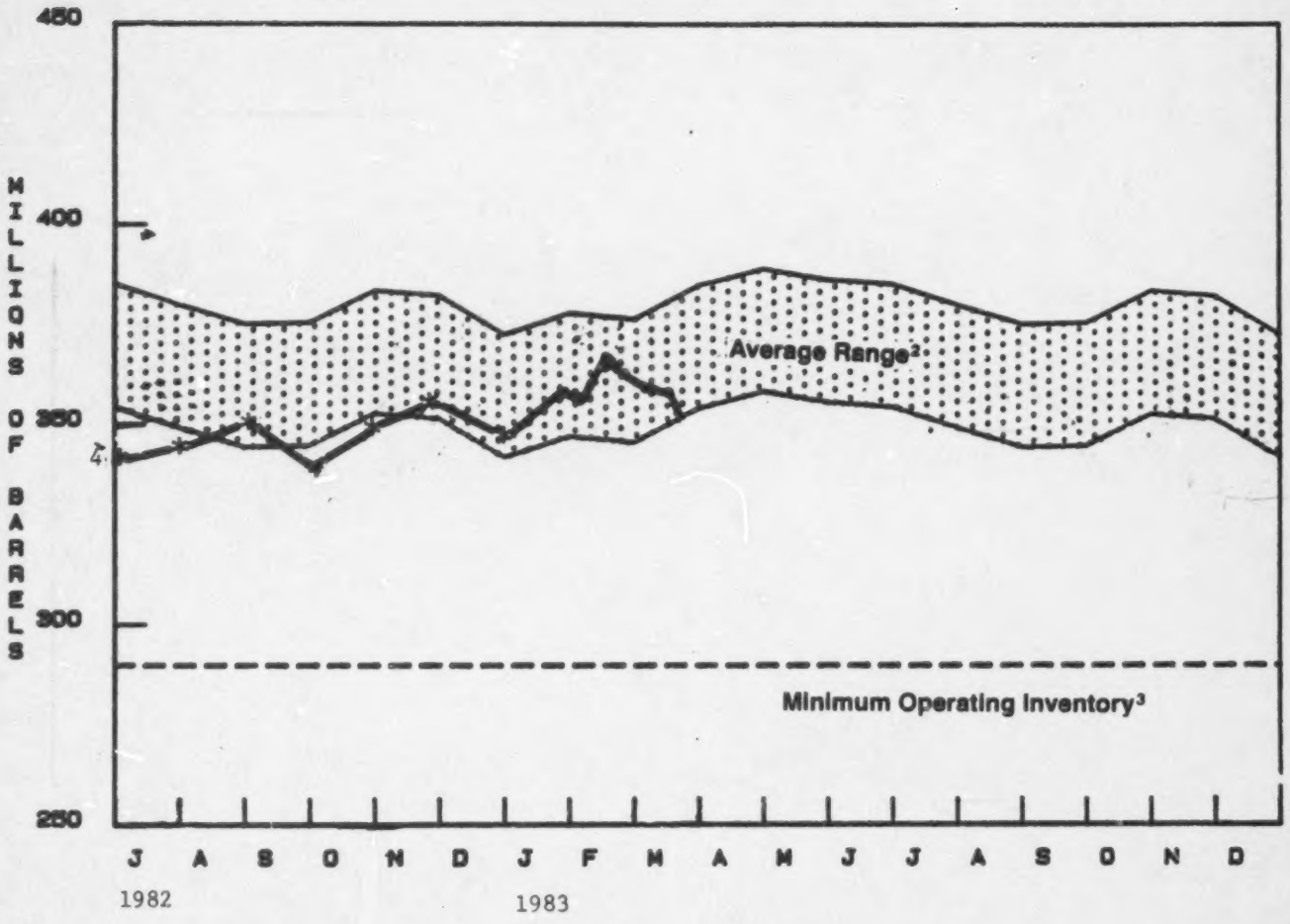
•— API, "Weekly Statistical Bulletin."

[5]The average level, width of average range and minimum operating inventory level are all based on historical data. Recent structural changes in demand patterns, operating units and logistical systems appear to have altered the basic requirements for petroleum distribution and indicated levels may now be overstated.

Week Ended March 18, 1983

Crude Oil Stocks at Primary Level[1] [5]



[1]Crude Stocks at Primary Levels include those held at refineries, in-transit to refineries, in pipelines, and in lease tanks and do not include those held in the Strategic Petroleum Reserve.

[2]Average level, width of average range, estimated by DOE, and observed minimum are based on three years of monthly data: July 1979-June 1982. The seasonal pattern is based on seven years of monthly data: January-1975-December 1981.

[3]The National Petroleum Council defines the Minimum Operating Inventory as the minimum level required for routine operation. By their definition, runouts and shortages would occur if inventory levels fall below that level.

[4]Source: *— EIA, Energy Data Reports, "Petroleum Statement."
•— API, "Weekly Statistical Bulletin."

[5]The average level, width of average range and minimum operating inventory level are all based on historical data. Recent structural changes in demand patterns, operating units and logistical systems appear to have altered the basic requirements for petroleum distribution and indicated levels may now be overstated.